

- gc*, giant cells of the acinous glands.
int, inner layer of epidermal cells.
intr, intrusive cells (Schaltzelle), which project from the deeper layer into the outer layer.
lc, Leydig cells.
leu, leukocytes.
lu, lumen of gland.
ml, moult layer.
mt, mitosis.
mt(inv), mitosis in a cell which has invaded a Leydig cell.
pg, pigment.
pgbr, branches of pigment cells.
pgc, pigment cells.
pgc(inv), pigment cells which have invaded the Leydig cells.
pgg, intracellular pigment granules.
sn, integumental sense organ.
sp, spireme.
yg, yolk granules.

DESCRIPTION OF PLATES.

PLATES I., II., and III. A series of outlines drawn with Abbé camera, magnification $\times 4.25$, showing various stages of *Desmognathus fusca* from the time of hatching to the attainment of practically adult proportions.

PLATES IV., V., and VI. Sections of the skin of *Desmognathus fusca*, showing the structures characteristic of the various periods and the developmental changes which take place in the transition from one stage to another. Drawn with Abbé camera. $\times 450$.

ERRATA.

References throughout the text to Pl. I., Fig. 7-11, apply to Pl. II.